

Message Text

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20

ORIGIN ERDA-07

INFO OCT-01 EUR-12 ISO-00 OES-06 FEA-01 ACDA-10 CIAE-00

INR-07 IO-13 L-03 NSAE-00 NSC-05 EB-07 NRC-07 DODE-00

OIC-02 /081 R

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APPROVED BY:OES/APT/SEP:WAROOT

USERDA:DCTR:EEKINTNER

OES/APT/SEP:RLIIMATAINEN

EUR/SOV:SHUMPHREY

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P R 060055Z MAY 76

FM SECSTATE WASHDC

TO AMEMBASSY MOSCOW PRIORITY

INFO AMCONSUL LENINGRAD

UNCLAS STATE 109964

E.O. 11652: N/A

TAGS: US, UR, TECH, TGEN, ENRG

SUBJECT: CONTROLLED THERMONUCLEAR RESEARCH 07.03- ATOMIC EN.

AGREE. JOINT FUSION POWER COORDINATING COMMITTEE-JFPCC

PLEASE TRANSMIT FOLLOWING MESSAGE TO E.P. VELIKHOV, KURCHATOV
INSTITUTE, AND G.B. MYAKINKOV, SCAE

1. U.S. DELEGATION FOR JFPCC WILL CONSIST OF ERDA REPRESENTATIVES
E.E. KINTNER, R.L. BINGHAM, J.F. DECKER, W.L. SADOWSKI AND
J.M. WILLIAMS PLUS J.F. CLARKE, ORNL; T.K. FOWLER, ILL;
M.B. GOTTLIEB, PPPL; F.L. RIBE, LAST. GROUP WILL ARRIVE ON MAY 31.
DETAILS OF ARRIVAL TIMES WILL BE SENT LATER.

2. SUGGESTED AGENDA FOR JFPCC MEETING IS AS FOLLOWS:

JUNE 1, 2 AND MORNING OF JUNE 3-TUESDAY, WEDNESDAY, THURSDAY:

DISCUSSIONS OF US AND USSR FUSION RESEARCH AND DEVELOPMENT
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PROGRAMS AND FORMULATION OF PLANS FOR THE CTR EXCHANGE

PROGRAM IN CALENDAR 1977.

JUNE 3-AFTERNOON- AND JUNE 5-SATURDAY:

TOUR OF FUSION FACILITIES AT THE KURCHATOV INSTITUTE

JUNE 4-FRIDAY:

TOUR OF FUSION FACILITIES AT KRASNAYA PAKHRA

JUNE 7, 8 - MONDAY, TUESDAY:

TOUR OF EFREMOV AND IOFFE INSTITUTES IN LENINGRAD

JUNE 9 - WEDNESDAY:

MORNING-WRAPUP SESSION IN MOSCOW

AFTERNOON-DEPART SOVIET UNION

3. US SUGGESTIONS FOR CTR EXCHANGES IN CALENDAR 1977 ARE SHOWN BELOW:

USSR TO US:	DURATION	PARTIC-	TIMING
TITLE	LOCATION	WEEKS	IPANTS QUARTER
SURFACE ANALYSIS OF TOKAMAK	ORNL,GA	6	2 2
CHARACTERISTIC WALL SAMPLES-	ANL		
EXCHANGE OF AUGER EQUIPMENT			
PLT: RADIALLY RESOLVE TI OR	PPPL	8	2 3
WALL POWER MEASUREMENTS			
PLT: PLASMA SCALING AND			
LASER MEASUREMENTS	PPPL	8	2 3
RF HEATING THEORY AND EXPERI-	ORNL-3 WKS	6	4 2
MENT	PPPL-3 WKS		
A- ECRH-ORNL			
B- LHF AND ICRH-PPPL			
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ISX SURFACE CONDITIONING	ORNL	3	2 4
MAGNETIC DESIGNS OF TOKAMAKS	ORNL	2	2 1
ORMAK AND PLT HIGH INJECTION	ORNL	8	2 2
POWER AND PARAMETER OPERATIONS	PPPL		
NONLINEAR EFFECTS OF DISSIPATION	ORNL	4	3 2

TIVE TRAPPED ELECTRON INSTABILITY PPPL

CALCULATIONS OF ENERGY BALANCE ORNL 8 4 4
 AND NEUTRAL BEAM INJECTION PPPL
 GA

LLL

NUMERICAL MHD AND TRANSPORT LASL 4 4 2
 STUDIES AND SHERWOOD THEORY TEXAS
 MEETING MARYLAND
 PPPL
 NYU

DURATION PARTIC- TIMING
 TITLE LOCATION WEEKS IPANTS QUARTER

THEORY AND EXPERIMENTS ON LASL 3 3 1
 LINERS NRL

MIRROR THEORY WORKSHOP LLL 2 4 3

MATERIALS STUDIES: BULK LLL, ORNL, 2 4 3
 RADIATION DAMAGE EFFECTS HEDL

FUELING TECHNIQUES FOR REACTORS ORNL 2 4 3
 INCLUDING PELLETS

FUSION REACTOR ENGINEERING 3 4 4
 STUDIES GA

PULSED HIGH BETA EXPERIMENTS LASL 3 2 -
 NRL

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NEGATIVE ION SOURCE DEVELOPMENT LLL 4 2 2
 BNL

CONFERENCE ON SYNCHROTRON U. OF MD 2 2 1
 RADIATION AND RUNAWAY ELECTRONS

FUSION REACTOR DESIGN WORKSHOP USA 3 5 4
 AND ANS MEETING

PULSED POWER AND SWITCHING LASL 2 4 2

US TO USSR: DURATION PARTIC- TIMING
 TITLE LOCATION WEEKS IPANTS QUARTE
 R

SURFACE ANALYSIS OF TOKAMAK KURCHATOV 6 2 3
 CHARACTERISTIC WALL SAMPLES-
 TEMPORARY EXCHANGE OF AUGER
 EQUIPMENT

STATUS OF TOKAMAK AND STEL- KURCHATOV 2 5 2
 LARATOR RESEARCH-EXPERIMENTAL KHARKOV

T-10 EXPERIMENTS: RADIALY KURCHATOV 8 2 3
 RESOLVED TI OR WALL POWER
 MEASUREMENTS

T-10: PLASMA SCALING AND KURCHATOV 8 2 4
 LASER MEASUREMENTS

TOKAMAK THEORY WORKSHOP KURCHATOV 2 6 2

DURATION PARTIC- TIMING
 TITLE LOCATION WEEKS IPANTS QUARTE
 R

TRANSPORT THEORY IN NONCIRCULAR KURCHATOV 2 6 1
 AND NONAXISYMMETRIC SYSTEMS

T-7 OPERATION KURCHATOV 2 3 2
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SUPERCONDUCTING MAGNETS FOR EFREMOV 3 4 3
 FUSION RESEARCH WORKSHOPS KURCHATOV
 PADULSK

WORKSHOPS ON ION-ATOM
 COLLISION PROCESSES KURCHATOV 2 4 3

IMPLODING LINER AND PULSED KRASNAYA 3 4 -
 SYSTEMS EXPERIMENTS PAKHRA

ENERGY STORAGE AND LINERS- EFREMOV 16 1 3
 MACHALEK

MIRROR THEORY-NEWCOMB KURCHATOV 26 1 3-4

RF HEATING IN TOKAMAKS-THEORY KURCHATOV 3 4 2
 KHARKOV

RF HEATING IN TOKAMAKS- KURCHATOV 3 4 2
 EXPERIMENTAL KHARKOV

MATERIALS STUDIES- KURCHATOV 2 4 3
SURFACE RADIATION DAMAGE EFFECTS KHARKOV
BAIKOV INST
MOSCOW UNIV

NUMERICAL MHD AND TRANSPORT KURCHATOV 3 8 4
ETC

GYROTRON DEVELOPMENT LABS AND 3 3 1
INDUSTRY

NEGATIVE ION SOURCES KURCHATOV 2 3 3
NOVOSIBIRSK

5. INVITATION IS NEEDED FOR SOVIET VISA APPROVAL OF US JFPCC
MEMBERS.

6. FOLLOWING ARE ARRIVAL TIMES AND FLIGHT NUMBERS FOR MICROIN-
STABILITY MEETING:
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TRAVELER	DATE	TIME	FLIGHT NUMBER
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R. PRICE, J. CALLEN AND W. HORTON	MAY 22	4:05 PM	OS 601
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M. ROSENBLUTH AND P. RUTHERFORD	MAY 23	7:10 PM	SU 242
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B. COPPI SISCO	MAY 23	12:05 PM	PA 33
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Draft Date: 06 MAY 1976
Decaption Date: 01 JAN 1960
Decaption Note:
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Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
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Disposition Date: 01 JAN 1960
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Disposition History: n/a
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04 MAY 2006

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TAGS: TECH, TGEN, ENRG, US, UR
To: MOSCOW
Type: TE
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